

~~SECRET~~

DPD 0549-61  
1 February 1961

MEMORANDUM FOR: The Record

SUBJECT : Conference on SSB Communications Equipment for  
IDEALIST Program

1. A meeting was held on 26 January 1961 at which time the proposed SSB program was discussed. In attendance were:

25X1A5a2

[REDACTED] IAC

- IAC

25X1A9a

Major Thornton - USAF, SAC

[REDACTED] - DPD

25X1A9a

- DPD

DPD

25X1A9a

DPD

[REDACTED] - DPD

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2. [REDACTED] reported that 3 each Collins 618-T SSB transceivers had been procured and were in the plant. All necessary engineering for the installation has been completed, but they have held up the actual installation at Headquarters request.

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3. The question of available battery power after flame out was discussed. [REDACTED] pointed out that D.C. generator power is available down to about 25% or 30% of normal speed. Since the power for the 618-T SSB equipment will obtain its power from a new instrument inverter operating off the D.C. circuit, this will provide SSB energy down to about 30% speed due to engine windmilling.

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4. [REDACTED] advised that the frequency coverage of the 618-T would be 8 to 24 MC. This required the addition of an antenna coupling unit.


5. Major Thornton was queried as to what communications equipment was aboard the KC-135 tankers and volunteered the following list:

A. AN/ARC-34 with AN/ARA-25 UHF/DF

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B. AN/ARC-58 or AN/ARC-65, H.F. single side band transceiver. The latter is used for communications with the nearest SAC base via the SAC network. This could provide a call back capability, via the SAC net, at the refueling point.

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Chief, Communications Section  
DPD-DD/P

Distribution:

- 1 - DPD/Commo
- 1 - DPD/OPS/CC
- 1 - DPD/COPS
- ~~1~~ - AC/DPD
- 1 - DPD/DB
- 1 - C/DPD/DB
- 1 - DPD/LOGS
- 1 - DPD/RI